

PLANE CAPTAIN QUALIFICATION PROGRAM

19 MAY 05

From: Maintenance Officer, Helicopter Sea Combat Wing U.S. Atlantic Fleet
To: All COMHELSEACOMBATWINGLANT Maintenance Departments
Subj: LOCAL COMMAND PROCEDURES FOR NAVAL AVIATION MAINTENANCE PROGRAM STANDARD OPERATING PROCEDURES (NAMPSOP), COMNAVAIRFORINST 4790.2 VOLUME V, CHAPTER 15

Ref: (a) COMNAVAIRFORINST 4790.2 VOL V

Encl: (1) UH-3H/UH-3H(ET)Plane Captain Training Syllabus
(2) UH-3H/UH-3H(ET)Plane Captain Training PQS
(3) UH-3H/UH-3H(ET)Brake Rider Qualification
(4) MH-53E Plane Captain Training Syllabus
(5) MH-53E Plane Captain Training PQS
(6) MH-53E Brake Rider Qualification
(7) MH-60S Plane Captain Training Syllabus
(8) MH-60S Plane Captain Training PQS
(9) MH-60S Brake Rider Qualification
(10) UAV RQ2B Plane Captain Training Syllabus
(11) UAV RQ2B Plane Captain Training PQS
(12) UAV GCS 2000 Plane Captain Training Syllabus
(13) UAV GCS 2000 Plane Captain Training PQS
(14) COMHELSEACOMBATWING DET Jacksonville SH-60F/HH-60H Plane Captain/Landing Signalman Enlisted Qualifications Program
(15) Qualification Suspension/Revocation Form

1. Purpose and Scope

This supplement provides additional CHSCWL requirements for the Plane Captain Qualification Program of reference (a).

2. Cancellation

- a. CHTWL NAMPSOP Chapter 15, dated 19 June 2003.
- b. CHSWL NAMPSOP Chapter 15, dated 03 May 2004.

3. Local Command Procedures

a. The Maintenance Officer:

(1) Shall:

- (a) Ensure all Plane Captains are qualified using enclosures (1) through (14), as appropriate.
- (b) Utilize enclosure (15) to recommend suspension/revocation of Plane Captain qualifications to the Commanding Officer.

(2) May waive the Support Equipment license requirement of enclosures (1), (4) and (7) under the following conditions:

- (a) When qualifying senior (E-6 and above) personnel as Plane Captains solely to support individual aircrew designation.

- (b) When qualifying Plane Captains during deployment and the deployed ship/station is unable to support Phase 1 or Phase 2 training. In this case, Support Equipment qualification(s) will be required within 90 days of return from deployment.
- b. The Program Manager shall initiate the Plane Captain Designation Form (OPNAV 4790/158) and route through the chain of command. Completion of Part III is only required if a Plane Captain Oral Examination Board is conducted.
- c. Quality Assurance shall administer all examinations required to qualify/re-qualify Plane Captains.
- d. Plane Captains shall:
 - (1) Qualify as a Plane Captain utilizing enclosure (1) through (14) as appropriate and any additional command requirements.
 - (2) When deploying aboard ship, qualify as a flight deck observer utilizing NAVEDTRA 43426-0A sections 303, 304, or 305 as appropriate.
- e. Re-qualification
 - (1) All qualifications are valid for 12 months from the last day of the month in which qualification occurred. Re-qualification is expected to occur prior to expiration.
 - (2) Re-qualification will consist of, as a minimum, a written and a practical examination.
 - (3) Plane Captains whose qualifications have lapsed for less than 90 days need only complete, as a minimum, a written examination and a practical examination.
 - (4) Plane Captains whose qualifications have lapsed for more than 90 days shall also complete the Plane Captain Refresher Syllabus, per reference (a) and attend a Plane Captain Oral Examination Board.
 - (5) Plane Captains whose qualification have lapsed for more than 180 days shall also complete an appropriately tailored Plane Captain Training PQS. The Program Manager shall recommend to the Maintenance Officer which items of the Plane Captain Training PQS should be completed.
 - (6) Plane Captains currently qualified in the same T/M/S aircraft from a previous command shall complete, as a minimum, a practical examination and a Plane Captain Oral Examination Board.

/S/
J. W. WIRWILLE, JR

UH-3H/UH-3H(ET) PLANE CAPTAIN TRAINING SYLLABUS

Trainee Name _____ Rate _____ Date Started _____

Plane Captain Assigned _____

Instructions: Completion of the following practical factors is required prior to designation as a H-3 Plane Captain. Qualified Plane Captains will signify completion of specific practical factors by signing in the appropriate space provided. Demonstrating knowledge of safety, required equipment, and maintenance procedures is required prior to the Plane Captain signing the practical factors. Participating in a given evolution without demonstrating knowledge of equipment, safety, and procedures does not complete the practical factor.

Supervisor Signature/Date

1. Indoctrination Interview _____

2. Required Reading

Individual Signature/Date

- | | |
|---|-------|
| a. COMNAVAIRFORINST 4790.2 Vol V Chapter 3 | _____ |
| b. COMNAVAIRFORINST 4790.2 Vol V Chapter 4 | _____ |
| c. COMNAVAIRFORINST 4790.2 Vol V Chapter 6 | _____ |
| d. COMNAVAIRFORINST 4790.2 Vol V Chapter 7 | _____ |
| e. COMNAVAIRFORINST 4790.2 Vol V Chapter 9 | _____ |
| f. COMNAVAIRFORINST 4790.2 Vol V Chapter 12 | _____ |
| g. COMNAVAIRFORINST 4790.2 Vol V Chapter 13 | _____ |
| h. COMNAVAIRFORINST 4790.2 Vol V Chapter 14 | _____ |
| i. COMNAVAIRFORINST 4790.2 Vol V Chapter 15 | _____ |
| j. COMNAVAIRFORINST 4790.2 Vol V Chapter 17 | _____ |
| k. COMNAVAIRFORINST 4790.2 Vol V Chapter 20 | _____ |
| l. NA 00-80T-105, CV NATOPS Manual
(Ch. 1, 2, 4, 5) | _____ |
| m. NA 00-80T-106, LHA/LPD NATOPS Manual
(Ch. 1, 2, 4-7 Appendix 1-e, f, h) | _____ |
| n. NA 00-80T-113, Aircraft Signals NATOPS
Manual (Ch 1-7) | _____ |
| o. NA 01-1A-17 (Sections 2,3,4) Aviation
Hydraulics Manual | _____ |
| p. NA 01-1A-509, Aircraft Weapons Cleaning
and Corrosion Control (Ch 1-5,8,9) | _____ |
| q. NA 04-10-506, Aircraft Tire and Tubes
(Ch 1-3, 6) | _____ |
| r. NA 17-1-125, Support Equipment Cleaning,
Prevention and Corrosion Control
(Ch. 1-6, 9) | _____ |
| s. Squadron Corrosion Control LCP | _____ |
| t. NA 00-80T-96, Navy Support Equipment
Basic Handling and Safety Manual
(WP 2,3,4,5,8,10,14) | _____ |
| u. NA 01-230HLH-1, UH3H NATOPS(Ch 1,3,8) | _____ |
| v. NA 01-230HLH-2-3.1, General Handling/
Servicing Manual | _____ |
| w. NA 01-80T-109, Aircraft Refueling for
Shore Activities Manual | _____ |

UH-3H/UH-3H(ET) PLANE CAPTAIN TRAINING SYLLABUS

- | | |
|--|---|
| x. NWP 3-04.1M, Helicopter Operating Procedures for Air Capable Ships | <u>Individual Signature/Date</u>
_____ |
| 3. Verification of completed required reading | <u>Supervisor Signature/Date</u>
_____ |
| 4. Support Equipment Licenses
(May be waived based on the feasibility of earning USA State operator license) | <u>Supervisor Signature/Date</u> |
| a. Tow Tractor | _____ |
| b. Mobile Electric Power Plant | _____ |
| | <u>Supervisor Signature/Date</u> |
| 5. Egress/Explosive System Checkout | _____ |
| 6. Completed PQS/Designation | <u>PC Program Manager/Date</u> |
| a. Brake Rider PQS Qualification | _____ |
| b. Plane Captain PQS | _____ |
| | <u>QAR Signature/Date</u> |
| 7. Aircraft Hand Signal Oral Exam
Score: Pass/Fail | _____ |
| 8. Plane Captain Open Book Written Exam
Score: _____ (90% min) | _____ |
| 9. Plane Captain Practical Exam
(Daily/Turnaround observed by QAR)
Score: Pass / Fail | _____ |
| 10. _____ has completed all pre-requisites and is
(Name)
recommended to the Plane Captain Selection Board. | |

Supervisor

Date

Division Chief

Date

Program Manager

Date

UH-3H/UH-3H(ET) PLANE CAPTAIN TRAINING PQS

Trainee Name _____ Rate _____

NOTE: Qualified Plane Captains or QARs shall sign off sections 1 through 5.

- | | |
|---|------------------------------|
| 1. Discuss the following: | <u>Signature/Date</u> |
| a. Support Equipment safety | _____ |
| b. Ground safety | _____ |
| c. Emergency equipment | _____ |
| d. Hangar safety | _____ |
| e. Flight line safety | _____ |
| f. Flight deck familiarization | _____ |
| g. Aircraft fastener integrity | _____ |
| h. Rotor hazards | _____ |
| i. Exhaust blast hazards | _____ |
| j. No-step areas | _____ |
| k. Landing gear pins | _____ |
| | |
| 2. Discuss the safety precautions related to the following: | <u>Signature/Date</u> |
| a. Aircraft fueling/de-fueling | _____ |
| b. Fuel spill | _____ |
| c. Flight line operations | _____ |
| d. Aircraft wash | _____ |
| e. Aircraft towing | _____ |
| f. Launch and recoveries | _____ |
| g. Blade fold operations | _____ |
| h. Proper tool control | _____ |
| i. Personal protective equipment | _____ |

UH-3H/UH-3H(ET) PLANE CAPTAIN TRAINING PQS

3. Demonstrate knowledge of the following emergencies:

	<u>Signature/Date</u>
a. Emergency hand signals	_____
b. Aircraft fire	_____
c. Engine fire	_____
d. Damaged tires (targets, imbedded objects, and deep cuts)	_____
e. Hot brakes	_____
f. Electrical fire	_____
g. Runaway tail rotor	_____
h. Hung landing gear	_____

4. Discuss the following familiarization items:

	<u>Signature/Date</u>
a. Aircraft maintenance practices	_____
b. Cockpit instruments	_____
c. Radio and internal communication system (ICS)	_____
d. Rotor system	_____
e. Engines	_____
f. Fuel system	_____
g. Hydraulic systems	_____
h. Transmission system	_____
i. Landing gear system	_____
j. Blade fold system	_____
k. Electrical system	_____
l. Lighting system	_____
m. Flight control system	_____
n. Corrosion prone areas	_____

UH-3H/UH-3H(ET) PLANE CAPTAIN TRAINING PQS

- | | <u>Signature/Date</u> |
|---|------------------------------|
| o. Hazardous material/waste disposal and handling procedures | _____ |
| p. Maintenance Instruction Manuals (MIMs) | _____ |
| q. Maintenance Requirement Cards (MRCs) | _____ |
| r. Illustrated Parts Breakdown (IPB) | _____ |
| s. NALCOMIS/VIDS documentation | _____ |
| t. Interim Rapid Action Change (IRAC) | _____ |
| u. 4790/52 Support Equipment pre-op card | _____ |
| v. Technical Publication Discrepancy Report (TPDR) | _____ |
|
5. Properly review and complete the following: <u>Signature/Date</u> | |
| a. OPNAV 4790/52 SE pre-operational card | _____ |
| b. OPNAV4790/60 VIDS/MAF | _____ |
| c. OPNAV 4790/141 "A" sheet | _____ |
| d. OPNAV 4790/38 preflight/daily/turnaround/postflight card | _____ |
| e. Missing/Broken/Worn tool report | _____ |
| f. Oil consumption form | _____ |
| g. Maintenance action in NALCOMIS | _____ |
| h. Aircraft Discrepancy Book (ADB) | _____ |

NOTE: Qualified Plane Captains shall sign-off sections 6 through 8.

- | | <u>Signature/Date</u> |
|---------------------------------|------------------------------|
| 6. Perform the following tasks: | |
| a. Aircraft start fire guard | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| b. Chocks and pins | 1. _____ |
| | 2. _____ |
| | 3. _____ |

UH-3H/UH-3H(ET) PLANE CAPTAIN TRAINING PQS

	<u>Signature/Date</u>
c. Assist pilot with flight preparation	1. _____
	2. _____
	3. _____
d. Aircraft launch (day)	1. _____
	2. _____
	3. _____
e. Aircraft launch (night)	1. _____
	2. _____
	3. _____
f. Aircraft recovery (day)	1. _____
	2. _____
	3. _____
g. Aircraft recovery (night)	1. _____
	2. _____
	3. _____
h. Securing aircraft (covers, chains, blade ropes/struts, etc.)	
(1) Normal conditions	1. _____
(hangar and flight line)	2. _____
	3. _____
(2) Inclement weather	1. _____
	2. _____
	3. _____
(3) Shipboard (as required)	1. _____
	2. _____
	3. _____

UH-3H/UH-3H(ET) PLANE CAPTAIN TRAINING PQS

	<u>Signature/Date</u>
i. Grease main rotor head	1. _____
	2. _____
	3. _____
j. Grease tail rotor head	1. _____
	2. _____
	3. _____
k. Grease tail pylon disconnect jaws	1. _____
	2. _____
	3. _____
l. Perform UH-3H/UH-3H(ET) fuel samples (document as required)	1. _____
	2. _____
	3. _____
m. Take fuel samples from fuel truck	1. _____
	2. _____
	3. _____
n. Pressure fuel UH-3H/UH-3H(ET) aircraft (as applicable)	1. _____
	2. _____
	3. _____
o. Pressure fuel aircraft (rotors engaged)	1. _____
	2. _____
	3. _____
p. Gravity fuel UH-3H/UH-3H(ET) aircraft (as applicable)	1. _____
	2. _____

UH-3H/UH-3H(ET) PLANE CAPTAIN TRAINING PQS

	<u>Signature/ Date</u>
q. Gravity de-fuel UH-3H/UH-3H(ET) aircraft (as applicable)	1. _____ 2. _____
r. Service engine	1. _____ 2. _____ 3. _____
s. De-service engine	1. _____ 2. _____
t. Service main gearbox	1. _____ 2. _____ 3. _____
u. De-service main gearbox	1. _____ 2. _____
v. Service intermediate gearbox	1. _____ 2. _____ 3. _____
w. De-service intermediate gearbox	1. _____ 2. _____
x. Service tail gearbox	1. _____ 2. _____ 3. _____
y. De-service tail gearbox	1. _____ 2. _____

UH-3H/UH-3H(ET) PLANE CAPTAIN TRAINING PQS

	<u>Signature/ Date</u>
z. Service primary hydraulic system	1. _____ 2. _____ 3. _____
aa. Service utility hydraulic system	1. _____ 2. _____ 3. _____
bb. Service auxiliary hydraulic system	1. _____ 2. _____ 3. _____
cc. Service sleeve and spindle reservoir	1. _____ 2. _____ 3. _____
dd. Service damper reservoir	1. _____ 2. _____ 3. _____
ee. Day hot pit launch/recovery	1. _____ 2. _____ 3. _____
ff. Night hot pit launch/recovery	1. _____ 2. _____ 3. _____
7. Complete the following requirements for moving an aircraft under the direction of a qualified Plane Captain:	

	<u>Signature/Date</u>
a. Describe the equipment/personnel required for towing an aircraft	_____
b. Describe what is required when towing an aircraft without brakes	_____

UH-3H/UH-3H(ET) PLANE CAPTAIN TRAINING PQS

Signature/Date

- c. Describe the proper hand signals used when towing an aircraft _____
- d. Describe the proper use of whistle signals _____
- e. Describe the proper procedures for entering or leaving the hangar bay on a tow tractor _____
- f. Describe the requirements for brake riding aboard ship _____
- g. Explain the responsibilities of the move director _____
- h. Demonstrate the following moves as an aircraft move director:
- (1) Hangar to flight line 1. _____
2. _____
3. _____
- (2) Flight line to hangar 1. _____
2. _____
3. _____

8. Perform the following aircraft inspections:

NOTE: Aircraft inspections will be performed with a qualified Plane Captain. The trainee will perform inspections and provide the Plane Captain with the proper nomenclature and inspection criteria. The Plane Captain is responsible for all inspections performed.

Signature/Date

- a. 14-day aircraft wash 1. _____
2. _____
3. _____
- b. Turnaround inspection 1. _____
2. _____
3. _____

UH-3H/UH-3H(ET) PLANE CAPTAIN TRAINING PQS

- c. Daily inspection
1. _____
 2. _____
 3. _____
9. _____ has completed all requirements of the
(Name)
Plane Captain PQS.

Supervisor/Date

UH-3H/UH-3H(ET) BRAKE RIDER QUALIFICATION PQS

Trainee Name _____ Rate _____ Date Started _____

Completion of the following practical factors is required prior to recommendation for designation as an H-3 Brake Rider. Before signing, ensure the candidate is knowledgeable in the following areas and has completed the required tasks.

NOTE: A qualified Plane Captain or QAR will sign-off sections 1 through 6.

Supervisor Signature / Date

Required Reading

Part I of the Plane Captain LCP

Signature / Date

1. Locate the following components:

a. Parking brake handle

b. Main landing gear brake assemblies

c. Brake cylinder(UH-3H, UH-3H(ET))

d. Rotor brake

e. Tail wheel locking handle

2. Cockpit preparation

a. Rotor brake pressure (400psi)

b. Wheel brake check (release/reset)

c. Switches and circuit breakers

d. Lights (as required)

3. Demonstrate director hand signals

4. Demonstrate brake rider procedures during aircraft move

5. Discuss and demonstrate aircraft egress procedures ashore

6. Discuss and demonstrate aircraft egress procedures afloat

7. Satisfactorily complete the closed book exam administered by Quality Assurance.

Score: _____

(90% min.)

QA Name _____

QA Signature/Date _____

UH-3H/UH-3H(ET) BRAKE RIDER QUALIFICATION PQS

8. Satisfactorily complete the Brake Rider Practical Exam administered by a qualified QAR

Pass/Fail _____
QAR Name QAR Signature/Date

Designation: _____has completed all requirements for qualification and is hereby recommended for designation as an H-3 Brake Rider Operator ashore and afloat.

Recommended _____
Division Chief Date

Recommended _____
Division Officer Date

Approval/Disapproval _____
Maintenance Officer Date

MH-53E PLANE CAPTAIN TRAINING SYLLABUS

Trainee Name _____ Rate _____ Date Started _____

Plane Captain Assigned _____

Instructions: Completion of the following practical factors is required prior to designation as a H-53 Plane Captain. Qualified Plane Captains will signify completion of specific practical factors by signing in the appropriate space provided. Demonstrating knowledge of safety, required equipment, and maintenance procedures is required prior to the Plane Captain signing the practical factors. Participating in a given evolution without demonstrating knowledge of equipment, safety, and procedures does not complete the practical factor.

Supervisor Signature/Date

1. Indoctrination Interview _____

2. Required Reading

Individual Signature/Date

- | | |
|---|-------|
| a. COMNAVAIRFORINST 4790.2 Vol V Chapter 3 | _____ |
| b. COMNAVAIRFORINST 4790.2 Vol V Chapter 4 | _____ |
| c. COMNAVAIRFORINST 4790.2 Vol V Chapter 6 | _____ |
| d. COMNAVAIRFORINST 4790.2 Vol V Chapter 7 | _____ |
| e. COMNAVAIRFORINST 4790.2 Vol V Chapter 9 | _____ |
| f. COMNAVAIRFORINST 4790.2 Vol V Chapter 12 | _____ |
| g. COMNAVAIRFORINST 4790.2 Vol V Chapter 13 | _____ |
| h. COMNAVAIRFORINST 4790.2 Vol V Chapter 14 | _____ |
| i. COMNAVAIRFORINST 4790.2 Vol V Chapter 15 | _____ |
| j. COMNAVAIRFORINST 4790.2 Vol V Chapter 17 | _____ |
| k. COMNAVAIRFORINST 4790.2 Vol V Chapter 20 | _____ |
| l. NA 00-80T-105, CV NATOPS Manual
(Ch. 1, 2, 4, 5) | _____ |
| m. NA 00-80T-106, LHA/LPD NATOPS Manual
(Ch. 1,2, 4-7,Appendix 1-e, f, h) | _____ |
| n. NA 00-80T-113, Aircraft Signals NATOPS
Manual (Ch 1-7) | _____ |
| o. NA 01-1A-17 (Sections 2,3,4), Aviation
Hydraulics Manual | _____ |
| p. NA 01-1A-509, Aircraft Weapons Cleaning
and Corrosion Control (Ch 1-5,8,9) | _____ |
| q. NA 04-10-506, Aircraft Tire and Tubes
(Ch 1-3, 6) | _____ |
| r. NA 17-1-125, Support Equipment Cleaning,
Prevention and Corrosion Control
(Ch. 1-6, 9) | _____ |
| s. NA 17-1-537, Aircraft Securing and
Handling Procedures Manual (WP 004-00) | _____ |
| t. NA 00-80T-96, Navy Support Equipment
Basic Handling and Safety Manual
(WP 2,3,4,5,8,10,14) | _____ |
| u. A1-H53CE-GAI-000, General Aircraft
Information(WP4-12, 14) | _____ |
| v. A1-H53BE-MRC-100 Aircraft Turnaround
MRC | _____ |
| w. A1-H53BE-MRC-200, Aircraft Daily MRC | _____ |

MH-53E PLANE CAPTAIN TRAINING SYLLABUS

	<u>Individual Signature/Date</u>
x. A1-H53CE-110-100 (Airframe Systems)	_____
y. A1-H53CE-130-100 (Landing Gear System)	_____
z. A1-H53CE-140-100 (Flight Control Systems)	_____
aa. A1-H53CE-150-100 (Rotor System)	_____
bb. A1-H53CE-220-100 (Propulsion Systems)	_____
cc. A1-H53CE-260-100 (Transmission Systems)	_____
dd. A1-H53CE-400-100 (Utility Systems)	_____
ee. A1-H53CE-420-100 (Electrical Systems)	_____
ff. A1-H53CE-450-100 (Hydraulic Systems)	_____
gg. A1-H53CE-460-100 (Fuel Systems Volume I)	_____
hh. A1-H53CE-460-110 (Fuel Systems Volume II)	_____
ii. NA 01-80T-109, Aircraft Refueling for Shore Activities Manual	_____
jj. NWP 3-04.1M, Helicopter Operating Procedures for Air Capable Ships	_____
<u>Supervisor Signature/Date</u>	
3. Verification of completed required reading	_____
4. Support Equipment licenses: (May be waived based on the feasibility of earning USA State operator license)	
a. Tow Tractor	_____
b. Mobile Electric Power Plant	_____
5. Egress/explosive system checkout	_____
6. Completed the following:	<u>PC Program Manager/Date</u>
a. Brake rider PQS designation	_____
b. APP operator PQS/designation	_____
c. Blade/pylon spread/fold PQS designation	_____
d. Plane Captain PQS	_____
e. Flight Deck Familiarization PQS	_____
<u>QAR Signature/Date</u>	
7. Aircraft hand signal oral exam Score: Pass/Fail	_____
8. Plane Captain open book written exam Score: _____ (90% min)	_____
9. Plane Captain Practical Exam (daily/turnaround observed by QAR or MH-53 aircrew NATOPS instructor) Score: Pass/Fail	_____

MH-53E PLANE CAPTAIN TRAINING SYLLABUS

10. _____ has completed all pre-requisites and is recommended to the Plane Captain Selection Board.

Supervisor Signature/Date

Division Chief Signature/Date

Program Manager/Date

MH-53E PLANE CAPTAIN TRAINING PQS

Trainee Name _____ Rate _____

NOTE: Qualified Plane Captains or QARs shall sign off sections 1 through 5.

- | | |
|---|------------------------------|
| 1. Discuss the following safety items: | <u>Signature/Date</u> |
| a. Support equipment safety | _____ |
| b. Ground safety | _____ |
| c. Emergency equipment | _____ |
| d. Hangar safety | _____ |
| e. Flight line safety | _____ |
| f. Flight deck familiarization | _____ |
| g. Aircraft fastener integrity | _____ |
| h. Rotor hazards | _____ |
| i. Exhaust blast hazards | _____ |
| j. No-step areas | _____ |
| k. Landing gear pins | _____ |
| l. Radioactive areas | _____ |
| 2. Discuss the safety precautions related to the following: | <u>Signature/Date</u> |
| a. Aircraft fueling/de-fueling | _____ |
| b. Fuel spill | _____ |
| c. Flight line operations | _____ |
| d. Aircraft wash | _____ |
| e. Aircraft towing | _____ |
| f. Launch and recoveries | _____ |
| g. Blade fold operations | _____ |
| h. Proper tool control | _____ |
| i. Personal protective equipment | _____ |
| 3. Demonstrate knowledge of the following emergencies: | <u>Signature/Date</u> |
| a. Emergency hand signals | _____ |

MH-53E PLANE CAPTAIN TRAINING PQS

Signature/Date

- | | |
|--|-------|
| b. Aircraft fire | _____ |
| c. Engine fire | _____ |
| d. Damaged tires (targets, imbedded
objects, and deep cuts) | _____ |
| e. Hot brakes | _____ |
| f. Electrical fire | _____ |
| g. Runaway tail rotor | _____ |
| h. Hung landing gear | _____ |
4. Discuss the following familiarization items: **Signature/ date**
- | | |
|---|-------|
| a. Aircraft maintenance practices | _____ |
| b. Cockpit instruments | _____ |
| c. Radio and internal communication
system (ICS) | _____ |
| d. Rotor system | _____ |
| e. Engines | _____ |
| f. Fuel system | _____ |
| g. Hydraulic systems | _____ |
| h. Transmission system | _____ |
| i. Landing gear system | _____ |
| j. Blade fold system | _____ |
| k. Electrical system | _____ |
| l. Lighting system | _____ |
| m. Flight control system | _____ |
| n. Corrosion prone areas | _____ |
| o. Hazardous material/waste disposal
and handling procedures | _____ |
| p. Maintenance Instruction Manuals (MIMs) | _____ |
| q. Maintenance Requirement Cards (MRCs) | _____ |

MH-53E PLANE CAPTAIN TRAINING PQS

Signature/Date

- r. Illustrated Parts Breakdown (IPB) _____
 - s. NALCOMIS/VIDS documentation _____
 - t. Interim Rapid Action Change (IRAC) _____
 - u. 4790/52 Support Equipment pre-op card _____
 - v. Technical Publication Discrepancy Report (TPDR) _____
 - w. Bearing monitoring system _____
 - x. Accessory power plant _____
 - y. Contact memory buttons _____
5. Properly review and/or complete the following: **Signature/Date**
- a. OPNAV 4790/52 SE pre-operational card _____
 - b. OPNAV 4790/60 VIDS MAF _____
 - c. OPNAV 4790/141 "A" Sheet _____
 - d. OPNAV 4790/38 preflight/daily/turnaround/post flight card _____
 - e. Missing/broken/worn tool report _____
 - f. Oil consumption form _____
 - g. Maintenance action in NALCOMIS _____
 - h. Aircraft Discrepancy Book (ADB) _____

NOTE: Qualified Plane Captains shall sign off sections 6 through 10

6. Perform the following tasks: **Signature/Date**
- a. Aircraft start fire guard
 - 1. _____
 - 2. _____
 - 3. _____
 - b. Chocks and pins
 - 1. _____
 - 2. _____
 - 3. _____

MH-53E PLANE CAPTAIN TRAINING PQS

	<u>Signature/Date</u>
c. Assist pilot with flight preparation	1. _____ 2. _____ 3. _____
d. Aircraft launch (day)	1. _____ 2. _____ 3. _____
e. Aircraft launch (night)	1. _____ 2. _____ 3. _____
f. Aircraft recovery (day)	1. _____ 2. _____ 3. _____
g. Aircraft recovery (night)	1. _____ 2. _____ 3. _____
h. Securing aircraft (covers, chains, blade ropes/struts, etc.)	
(1) Normal conditions (hangar and flight line)	1. _____ 2. _____ 3. _____
(2) Inclement weather	1. _____ 2. _____ 3. _____
(3) Shipboard (as required)	1. _____ 2. _____ 3. _____

MH-53E PLANE CAPTAIN TRAINING PQS

Signature/Date

- | | |
|---|----------|
| i. Grease main rotor head | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| j. Service tail rotor hub | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| k. Grease tail pylon disconnect jaws | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| l. Perform fuel samples
(document as required) | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| m. Take fuel samples from fuel truck | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| n. Pressure fuel aircraft | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| o. Pressure fuel aircraft external power | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| p. Pressure fuel aircraft with rotors
engaged | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| q. Gravity de-fuel aircraft | 1. _____ |
| | 2. _____ |
| | 3. _____ |

MH-53E PLANE CAPTAIN TRAINING PQS

Signature/Date

- r. Pressure de-fuel aircraft 1. _____
2. _____
- s. Gravity fuel aircraft 1. _____
(Trainee may demonstrate procedure if
gravity fueling is not possible.) 2. _____
7. Perform the following servicing while being
observed by a qualified Plane Captain: **Signature/Date**
- a. Windshield washer reservoir servicing 1. _____
2. _____
3. _____
- b. 1st stage hydraulic system servicing 1. _____
2. _____
3. _____
- c. 2nd stage hydraulic system servicing 1. _____
2. _____
3. _____
- d. Utility one hydraulic system servicing 1. _____
2. _____
3. _____
- e. Utility two hydraulic system servicing 1. _____
(as required) 2. _____
3. _____
- f. In-flight hydraulic system servicing 1. _____
2. _____
3. _____
- g. Rotor brake servicing 1. _____
2. _____
3. _____

MH-53E PLANE CAPTAIN TRAINING PQS

	<u>Signature/Date</u>
h. Engine auxiliary oil tank servicing	1. _____
	2. _____
	3. _____
i. APP servicing	1. _____
	2. _____
	3. _____
j. Nose gearbox servicing	1. _____
	2. _____
	3. _____
k. Accessory gearbox servicing	1. _____
	2. _____
	3. _____
l. Main gearbox servicing	1. _____
	2. _____
	3. _____
m. Vertical hinge pin servicing	1. _____
	2. _____
	3. _____
n. Sleeve and spindle servicing	1. _____
	2. _____
	3. _____
o. Intermediate gearbox servicing (oil level spread/folded)	1. _____
	2. _____
	3. _____
p. Tail gearbox servicing (oil level spread/folded)	1. _____
	2. _____
	3. _____

MH-53E PLANE CAPTAIN TRAINING PQS

Signature/Date

- q. Tail rotor hub servicing
1. _____
2. _____
3. _____

8. Perform the following inspections/actions while being observed by a qualified Plane Captain:

Signature/Date

- a. Shear wire a component
1. _____
2. _____
3. _____

- b. Nose gearbox fan belt inspection
1. _____
2. _____
3. _____

- c. Damper accumulator servicing inspection
1. _____
2. _____
3. _____

- d. Drive shaft inspection
(Thomas coupling and viscous damper)
1. _____
2. _____
3. _____

- e. Tail disconnect coupling inspection
1. _____
2. _____
3. _____

- f. Tail disconnect coupling greasing
1. _____
2. _____
3. _____

9. Complete the following requirements for moving an aircraft under the direction of a qualified Plane Captain:

Signature/Date

- a. Describe the equipment/personnel required for towing an aircraft _____
- b. Describe what is required when towing an aircraft without brakes _____

MH-53E PLANE CAPTAIN TRAINING PQS

Signature/Date

- c. Describe the proper hand signal used when towing an aircraft _____
- d. Describe proper whistle signals _____
- e. Describe proper procedures for entering/leaving the hangar bay on a tow tractor _____
- f. Describe requirements for a brake rider during shipboard operations. _____
- g. Describe the difference between towing the aircraft with:
 - (1) APP on-line _____
 - (2) APP off-line _____
- h. Explain the responsibilities of the move director _____
- i. Demonstrate proper wing walking _____
- j. Demonstrate the following moves as aircraft director:
 - (1) Hangar to flight line
 1. _____
 2. _____
 3. _____
 - (2) Flight line to hangar
 1. _____
 2. _____
 3. _____

10. Perform the following aircraft inspections:

NOTE: Aircraft inspections will be performed with a qualified Plane Captain. The trainee will perform inspections and provide the Plane Captain with the proper nomenclature and inspection criteria. The plane captain is responsible for all inspections performed.

Signature/Date

- a. Turnaround
1. _____
2. _____
3. _____
- b. Daily
1. _____
2. _____
3. _____

c. 14-day aircraft wash

1. _____

2. _____

3. _____

11. Perform a final familiarization walk around with a QAR.

Pass/Fail

QAR Name

Signature

Date

12 _____ has completed all requirements of the
(Name)
Plane Captain PQS.

Supervisor

Date

MH-53E BRAKE RIDER QUALIFICATION PQS

Name: _____ Rate: _____

Completion of the following Practical Factors is required prior to recommendation for designation as an H-53 Brake Rider. Qualified Plane Captains may signify completion of the Practical Factors by oral examination and/or observation of performance as indicated:

1. Familiarize yourself and be able to discuss the following Required Reading:

Individual Signature/Date

- | | |
|--|-------|
| a. A1-H53CE-GAI-000 General Aircraft Information, WP 00400, WP 006-00, para 4 and 10 | _____ |
| b. A1-H53CE-130-100, Principals of Operations Landing Gear Systems Manual, Wheel Brake System, WP 007-00 | _____ |
| c. A1-H53ME-NFM-000, NATOPS, 2.14.12-2.14.12.1 | _____ |
| d. NAVAIR 00-80T-096, Basic Handling/Safety Manual, WP 005-00 | _____ |

2. Requirements:

Signature/Date

- | | |
|--|-------|
| a. Discuss: | |
| (1) Main/nose landing gear safety pins | _____ |
| (2) Utility hydraulic system | _____ |
| (3) Wheel brake system | _____ |
| (4) Rotor brake and gust lock | _____ |
| (5) Landing gear shock struts | _____ |
| (6) Move director/brake rider hand signals | _____ |
| b. Procedures, limitations, cautions, and system status indications for the following: | |
| (1) Rotor brake and gust lock | _____ |
| (2) Main wheel brakes and braking | _____ |
| (3) Parking brake and braking | _____ |
| (4) Adverse conditions and aboard ship | _____ |
| c. Abnormal/emergency situations: | |
| (1) Riding brake when terrain is over 10 degree slope | _____ |

MH-53E BRAKE RIDER QUALIFICATION PQS

Signature/Date

(2) Riding brakes aboard ship

(3) Braking loss during operation

(4) Rotor brake is not operational

d. Operation:

(1) Brake rider with no APP

(2) Brake rider with APP

3. Satisfactorily completed the closed book exam administered by Quality Assurance.

Score: _____
(90% min) QA Name _____ Signature _____ Date _____

4. Satisfactorily completed the Brake rider practical exam administered by a qualified QAR.

Pass/Fail _____
QAR Name _____ Signature _____ Date _____

5. Designation: The above named candidate has completed all requirements for qualification and is hereby recommended for designation as a H-53 Brake Rider Operator ashore and afloat.

Recommended _____
Division Chief _____ Date _____

Recommended _____
Division Officer _____ Date _____

Approval/Disapproval _____
Maintenance Officer _____ Date _____

MH-60S PLANE CAPTAIN TRAINING SYLLABUS

Trainee Name _____ Rate _____ Date Started _____

Plane Captain Assigned _____

Instructions: Completion of the following practical factors is required prior to designation as an MH-60S Plane Captain. Qualified Plane Captains will signify completion of specific practical factors by signing in the appropriate space provided. Demonstrating knowledge of safety, required equipment, and maintenance procedures is required prior to the Plane Captain signing the practical factors. Participating in a given evolution without demonstrating knowledge of equipment, safety and procedures does not complete the practical factor.

Supervisor Signature/Date

1. Indoctrination Interview _____

2. Required Reading:

Individual Signature/Date

- | | |
|---|-------|
| a. COMNAVAIRFORINST 4790.2 Vol V Chapter 3 | _____ |
| b. COMNAVAIRFORINST 4790.2 Vol V Chapter 4 | _____ |
| c. COMNAVAIRFORINST 4790.2 Vol V Chapter 6 | _____ |
| d. COMNAVAIRFORINST 4790.2 Vol V Chapter 7 | _____ |
| e. COMNAVAIRFORINST 4790.2 Vol V Chapter 9 | _____ |
| f. COMNAVAIRFORINST 4790.2 Vol V Chapter 12 | _____ |
| g. COMNAVAIRFORINST 4790.2 Vol V Chapter 13 | _____ |
| h. COMNAVAIRFORINST 4790.2 Vol V Chapter 14 | _____ |
| i. COMNAVAIRFORINST 4790.2 Vol V Chapter 15 | _____ |
| j. COMNAVAIRFORINST 4790.2 Vol V Chapter 20 | _____ |
| k. NA 00-80T-105, CV NATOPS Manual
(Ch. 4-6) | _____ |
| l. NA 00-80T-106, LHA/LPD NATOPS Manual
(Ch. 2, 4-6, Appendix E) | _____ |
| m. NWP 3-04.1, Shipboard Helicopter
Operating Procedures (Ch. 2) | _____ |
| n. NA 00-80T-113, Aircraft Signals NATOPS
Manual (Ch. 2,3,5) | _____ |
| o. NA 00-80T-109, Aircraft Refueling
NATOPS Manual (Ch. 6, 12) | _____ |
| p. NA 01-1A-509, Aircraft Weapons Cleaning
and Corrosion Control (Ch. 2-4) | _____ |
| q. NA 17-15BAD-1, (S1, Safety Summary) | _____ |
| r. A1-H60SA-NFM-000 (Ch. 3) | _____ |
| s. A1-H60SA-GAI-000
(WP 04-07, 09, 011, 012) | _____ |
| t. A1-H60SA-GAI-010, Plane Captains Manual | _____ |
| u. A1-H60SA-MRC-100, Aircraft Turnaround
Inspection | _____ |
| v. A1-H60SA-MRC-300, Aircraft Daily
Inspection | _____ |

MH-60S PLANE CAPTAIN TRAINING SYLLABUS

- Supervisor Signature/Date**
3. Verification of completed required reading _____
4. Support Equipment licenses (May be waived based on the feasibility of earning USA State operator license. Personnel qualifying while at sea will complete this portion of the syllabus NLT 90 days after return)
- a. Tow Tractor _____
- b. Mobile Electric Power Plant _____
5. Egress/explosive system checkout _____
6. Completed PQS/designation **PC Program Manager/Date**
- a. Brake Rider PQS qualification _____
- b. Blade Fold PQS/designation _____
- c. Plane Captain PQS _____
- QAR Signature/Date**
7. Aircraft hand signal oral exam
Score: Pass / Fail _____
8. Plane Captain open book written exam
Score: _____ (90% min) _____
9. Plane Captain practical exam
(Daily/Turn Around observed by QAR)
Score: Pass / Fail _____
10. _____ has completed all pre-requisites and is recommended to the Plane Captain Selection Board.

Supervisor

Date

Division Chief

Date

Program Manager

Date

MH-60S PLANE CAPTAIN TRAINING PQS

Trainee Name _____ Rate _____

NOTE: Qualified Plane Captains or QARs shall sign-off sections 1 through 5.

1. Discuss the following:

Signature/Date

- | | |
|---|-------|
| a. Support Equipment safety | _____ |
| b. Ground safety | _____ |
| c. Emergency equipment | _____ |
| d. Hangar safety | _____ |
| e. Flight line safety | _____ |
| f. Flight deck familiarization | _____ |
| g. Aircraft fastener integrity | _____ |
| h. Rotor hazards | _____ |
| i. Exhaust blast hazards | _____ |
| j. No-step areas | _____ |
| k. CADs | _____ |
| l. Proper tool control | _____ |
| m. Personal protective equipment | _____ |
| n. Copper-beryllium components (droop stops/blade fold lock pins) | _____ |
| o. NICAD batteries | _____ |

2. Discuss the safety precautions related to the following:

Signature/Date

- | | |
|--------------------------------|-------|
| a. Aircraft fueling/de-fueling | _____ |
| b. Flight line operations | _____ |
| c. Aircraft wash | _____ |
| d. Aircraft towing | _____ |
| e. Launch and recoveries | _____ |
| f. Blade fold operations | _____ |

MH-60S PLANE CAPTAIN TRAINING PQS

Signature/Date

- g. Spreading/folding tail pylon _____
- h. Folding Stabilator _____
- i. Applying external electrical
Power _____

3. Demonstrate knowledge of the following emergencies:

Signature/Date

- a. Emergency hand signals _____
- b. Aircraft fire _____
- c. Engine fire _____
- d. Fuel spill _____
- e. Damaged tires (targets, imbedded
objects, and deep cuts) _____
- f. Hot brakes _____
- g. Electrical fire _____
- h. Runaway tail rotor _____
- i. Hung droop stop _____
- j. Thermal runaway (hot battery) _____

4. Discuss the following familiarization items:

Signature/Date

- a. Aircraft maintenance practices _____
- b. Cockpit instruments _____
- c. Radio and internal communication
system (ICS) _____
- d. Rotor system _____
- e. Engines _____
- f. Fuel system _____
- g. Hydraulic systems _____
- h. Transmission system _____

MH-60S PLANE CAPTAIN TRAINING PQS

Signature/Date

- | | |
|---|-------|
| i. Landing gear system | _____ |
| j. Blade fold system | _____ |
| k. Electrical system | _____ |
| l. Lighting system | _____ |
| m. Flight control system | _____ |
| n. Corrosion prone areas | _____ |
| o. Hazardous material/waste disposal and
handling procedures | _____ |
| p. Maintenance Instruction Manuals (MIMs) | _____ |
| q. Maintenance Requirement Cards (MRCs) | _____ |
| r. Illustrated Parts Breakdown (IPB) | _____ |
| s. NALCOMIS/VIDS documentation | _____ |
| t. Interim Rapid Action Change (IRAC) | _____ |
| u. 4790/52 Support Equipment pre-op card | _____ |
| v. Technical Publication Discrepancy
Report (TPDR) | _____ |
| w. Differences between Block I and Block
II aircraft | _____ |

5. Properly review and/or complete the following:

Signature/Date

- | | |
|---|-------|
| a. OPNAV 4790/38 Preflight/Daily/
Turnaround/Postflight card | _____ |
| b. OPNAV 4790/141 "A" sheet | _____ |
| c. Oil consumption form | _____ |
| d. Fuel sample log sheet | _____ |
| e. Fuel chit | _____ |
| f. OPNAV 4790/52 SE pre-operational card | _____ |
| g. OPNAV4790/60 VIDS/MAF | _____ |

MH-60S PLANE CAPTAIN TRAINING PQS

Signature/Date

- | | |
|--|-------|
| h. Missing/Broken/Worn tool report | _____ |
| i. Complete Maintenance action in NALCOMIS | _____ |
| j. Aircraft Discrepancy Book (ADB) | _____ |

NOTE: Qualified Plane Captains shall sign-off sections 6 through 8.

6. Perform the following tasks:

Signature/Date

- | | |
|---|----------|
| a. Aircraft start fire guard | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| b. Chocks and chains | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| c. Assist pilot with flight preparation | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| d. Aircraft launch (day) | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| e. Aircraft launch (night) | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| f. Aircraft recovery (day) | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| g. Aircraft recovery (night) | 1. _____ |
| | 2. _____ |
| | 3. _____ |

Signature/Date

5

MH-60S PLANE CAPTAIN TRAINING PQS

Signature/Date

- | | |
|---|----------|
| o. Check and service APU | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| p. Check and service main gearbox | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| q. Check and service intermediate gearbox | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| r. Check and service tail gearbox | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| s. Viscous damper inspection | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| t. Lubricate disconnect jaws | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| u. Spread and fold tail pylon | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| v. Spread and fold stabilator | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| w. Check and service engine oil | 1. _____ |
| | 2. _____ |
| | 3. _____ |

MH-60S PLANE CAPTAIN TRAINING PQS

Signature/Date

- | | |
|--|----------|
| x. Apply external power | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| y. Check rotor head accumulator pressure | 1. _____ |
| | 2. _____ |
| | 3. _____ |
| z. Perform fuel sampling procedures | 1. _____ |
| | 2. _____ |
| | 3. _____ |
7. Complete the following requirements for moving an aircraft under the direction of a qualified Plane Captain:
- Signature/Date**
- | | |
|--|-------|
| a. Describe the equipment/personnel required for towing an aircraft | _____ |
| b. Describe the procedures for towing an aircraft without brakes | _____ |
| c. Describe the proper hand signals used when towing an aircraft | _____ |
| d. Describe the proper use of whistle signals | _____ |
| e. Describe the proper procedures for entering or leaving the hangar bay while operating a tow tractor | _____ |
| f. Describe the requirements for brake riding aboard ship | _____ |
| g. Explain the responsibilities of the move director | _____ |
| h. Demonstrate proper wing walking | _____ |
| i. Explain the difference between towing the aircraft with: | |
| (1) APU on-line | _____ |
| (2) APU off-line | _____ |

MH-60S PLANE CAPTAIN TRAINING PQS

j. Demonstrate the following moves as an aircraft move director:

Signature/Date

(1) Hangar to flight line

1. _____

2. _____

3. _____

(2) Flight line to hangar

1. _____

2. _____

3. _____

8. Perform the following aircraft inspections:

NOTE: Aircraft inspections will be performed under the direction of a qualified Plane Captain. The trainee will perform inspections and provide the Plane Captain with the proper nomenclature and inspection criteria. The Plane Captain is responsible for all inspections performed.

Signature/Date

a. 14-Day aircraft wash

1. _____

2. _____

3. _____

b. Turnaround inspection

1. _____

2. _____

3. _____

c. Daily inspection

1. _____

2. _____

3. _____

9. _____ has completed all requirements of the Plane Captain PQS.

Supervisor/Date

MH-60S BRAKE RIDER QUALIFICATION PQS

Trainee Name _____ Rate _____

Completion of the following practical factors is required prior to recommendation for designation as an MH-60S Brake Rider. Qualified Plane Captains may signify completion of the practical factors by oral examination and/or observation of performance as indicated.

1. Familiarize yourself and be able to discuss the following Required Reading:

Member's Signature/Date

- | | |
|--|-------|
| a. A1-H60SA-GAI-010 (WP 06) | _____ |
| b. A1-H60SA-NFM-000, NATOPS
(Par. 3.10, 3.11.1, 3.11.2) | _____ |
| c. A1-H60SA-110-100 (WP 012, 013) | _____ |
| d. A1-H60SA-260-100 (WP 04) | _____ |
| e. NA 00-80T-96, Basic Handling/Safety
Manual (WP 05 par. 136-148) | _____ |
| f. NA 17-1-537, Aircraft Restraining
Devices and Related Components
(WP 7, WP 10 par. 40-45) | _____ |

2. Requirements:

- a. Discuss:

Signature / Date

- | | |
|--|-------|
| (1) Tail wheel lock pin | _____ |
| (2) Wheel brake system | _____ |
| (3) Rotor brake and gust lock | _____ |
| (4) Move director/brake rider hand
signals | _____ |
| | |
| b. Discuss procedures, limitations, cautions and system status
indications for the following: | |
| (1) Rotor brake and gust lock | _____ |
| (2) Main wheel brakes and braking | _____ |
| (3) Parking brake and braking | _____ |
| (4) Tail wheel lock pin | _____ |
| (5) Stabilator positioning | _____ |
| (6) Adverse conditions and aboard
ship | _____ |

MH-60S BRAKE RIDER QUALIFICATION PQS

c. Abnormal/Emergency situations:

Signature / Date

- | | |
|---|-------|
| (1) Riding brakes when terrain is over 10 degrees slope | _____ |
| (2) Riding brakes aboard ship | _____ |
| (3) Braking loss during operation | _____ |
| (4) Rotor brake is not operational | _____ |
| (5) Broken tail wheel locking pin | _____ |
3. Discuss and demonstrate aircraft egress procedures afloat _____
4. Discuss and demonstrate aircraft egress procedures ashore _____
5. Ride brakes with a qualified Brake Rider positioned in the Copilot's seat
- | | |
|--|----------|
| | 1. _____ |
| | 2. _____ |
| | 3. _____ |

6. Satisfactorily completed the closed book examination administered by Quality Assurance.

Score _____	_____	_____	_____
(90% min)	QAR Name	Signature	Date

7. Satisfactorily completed the brake rider practical examination administered by a QAR.

Pass / Fail _____	_____	_____	_____
	QAR Name	Signature	Date

8. Designation: _____ has completed all requirements for qualification and is hereby recommended for designation as an MH-60S Brake Rider Operator ashore and afloat.

Recommended	_____	_____
	Division Chief	Date

Recommended	_____	_____
	Division Officer	Date

Approval/Disapproval	_____	_____
	Maintenance Officer	Date

UAV RQ-2B PLANE CAPTAIN TRAINING SYLLABUS

Trainee Name _____ Rate _____ Date _____
Plane Captain assigned _____

Instructions: Completion of the following practical factors is required prior to designation as a UAV RQ-2B Plane Captain. Qualified Plane Captains will signify completion of specific practical factors by signing in the appropriate space provided. Demonstrating knowledge of safety, required equipment, and maintenance procedures is required prior to the Plane Captain signing the practical factors. Participating in a given evolution without demonstrating knowledge of equipment, safety, and procedures does not complete the practical factor.

[] QUALIFICATION [] REQUALIFICATION

NOTE: Items marked with a (*) are required for annual re-qualification

Supervisor Signature/Date

1. Indoctrination Interview _____

2. Required Reading

Individual Signature/Date

- a. COMNAVAIRFORINST 4790.2 Vol V Chapter 3 _____
- b. COMNAVAIRFORINST 4790.2 Vol V Chapter 4 _____
- c. COMNAVAIRFORINST 4790.2 Vol V Chapter 6 _____
- d. COMNAVAIRFORINST 4790.2 Vol V Chapter 7 _____
- e. COMNAVAIRFORINST 4790.2 Vol V Chapter 9 _____
- f. COMNAVAIRFORINST 4790.2 Vol V Chapter 12 _____
- g. COMNAVAIRFORINST 4790.2 Vol V Chapter 13 _____
- h. COMNAVAIRFORINST 4790.2 Vol V Chapter 14 _____
- *i. COMNAVAIRFORINST 4790.2 Vol V Chapter 15 _____
- j. COMNAVAIRFORINST 4790.2 Vol V Chapter 17 _____
- k. COMNAVAIRFORINST 4790.2 Vol V Chapter 20 _____
- *l. NA 00-80T-113, Aircraft Signals NATOPS Manual (Ch. 1-7) _____
- m. NA 01-1A-509, Aircraft Weapons Cleaning and Corrosion Control Manual (Ch. 1-5,8,9) _____
- n. NA 17-1-125, Support Equipment Cleaning and Corrosion Control Manual(Ch. 1-6,9) _____
- o. Squadron Corrosion Control LCP _____
- p. NA 11-80T-96, Navy Support Equipment Basic Handling and Safety Manual (WP 2-5,8,10,14) _____
- *q. A1-RQ2B-NFM-000 (Ch. 1-4,10,11,13) _____
- *r. UAV P/C LCP _____
- *s. A1-SRRPV-OPS-100 _____
- *t. A1-SRRPV0MMI-250 _____
- *u. A1-SRRPV-MRC-120 _____
- *v. A1-SRRPV-MRC-130 _____

Supervisor Signature/Date

3. Verification of completed required reading _____

UAV RQ-2B PLANE CAPTAIN TRAINING SYLLABUS

4. Complete the following training: **PC Program Manager/Date**
- a. Basic corrosion control _____
- b. NICAD battery qualification _____
- c. UAV RQ-2B plane captain PQS _____

QAR Signature/Date

- *5. Hand Signal Oral Exam Score: Pass/Fail _____
- *6. Plane Captain Written Exam
Score: _____ (90% Min.) _____
- *7. Practical Examination Score: Pass/Fail _____
8. _____ completed all pre-requisites and is recommended to the Plane Captain Selection Board.

Supervisor

Date

Division Chief

Date

Program Manager

Date

UAV RQ-2B PLANE CAPTAIN TRAINING PQS

Trainee Name _____ Rate _____

NOTE: A qualified Plane Captain or QAR may sign off sections 1 through 8

NOTE: Items marked with a (*) are required for annual re-qualification

- | | |
|--|------------------------------|
| 1. Discuss the following Safety items: | <u>Signature/Date</u> |
| a. Personal protective equipment | _____ |
| b. Flight line safety | _____ |
| (1) Flight line operating procedures | _____ |
| (2) Runway familiarization & cardinal headings | _____ |
| (3) FOD walk down | _____ |
| (4) UAV flight Chain of Command | _____ |
| *c. Danger areas/hazards | _____ |
| (1) Propeller arc | _____ |
| (2) Engine compartment | _____ |
| (3) Engine exhaust stacks | _____ |
| (4) High power radio frequency | _____ |
| (5) Noise levels | _____ |
| *d. Grounding procedures | _____ |
| 2. Discuss the following UAV components: | <u>Signature/Date</u> |
| a. Nose compartment | _____ |
| b. Main equipment compartment | _____ |
| c. Wing joint/battery compartment | _____ |
| d. EPS compartment | _____ |
| e. Engine compartment | _____ |
| f. Wings, booms and tail sections | _____ |
| g. Acronyms | _____ |
| h. Landing gear | _____ |
| (1) Main | _____ |
| (2) Nose | _____ |

UAV RQ-2B PLANE CAPTAIN TRAINING PQS

i. Tires for proper inflation, cuts, deterioration, and wear	<u>Signature/Date</u> _____
j. Fuel cell inspection	_____
*3. Aircraft fueling/de-fueling	<u>Signature/Date</u>
a. Fueling procedures	
(1) Proper fuel mixing ratio	_____
(2) Fuel sampling	_____
b. De-fueling procedures	
(1) Proper disposal	_____
(2) Equipment	_____
4. Test equipment	<u>Signature/Date</u>
a. IFF test set	_____
b. Airspeed test set	_____
*5. Emergency procedures	<u>Signature/Date</u>
a. Battery thermal runaway	_____
b. A/C fire	_____
c. Salvage/Recovery	_____
d. Fuel spill/leaks	_____
e. Engine overspeed	_____
*6. Demonstrate the following hand signals:	<u>Signature/Date</u>
a. Fire	_____
b. Battery on/off	_____
c. Engine trap count	_____
d. Start engine	_____
e. Stop	_____
f. Emergency hold	_____
g. Cleared to taxi	_____
h. Pull/install chocks/pins	_____

UAV RQ-2B PLANE CAPTAIN TRAINING PQS

	<u>Signature/Date</u>
i. Affirmative	_____
j. Negative	_____
k. Cut engine	_____
l. Verify ECR/COMM	_____
m. Control surfaces check	_____
n. Idle RPM adjustment	_____
7. Review the ADB for the following:	<u>Signature/Date</u>
a. Identify uncorrected discrepancies	_____
b. Identify downing discrepancies	_____
c. Review ballast weights and payload serial numbers	_____
*8. Demonstrate the ability to complete the following applicable forms:	<u>Signature/Date</u>
a. Daily inspection (OPNAVINST 4790/38)	_____
b. Turnaround inspection (OPNAVINST 4790/38)	_____
c. Aircraft inspection and acceptance record (OPNAVINST 4790/141)	_____
9. Shore based launch and recovery operations with a qualified Plane Captain	<u>Signature/Date</u>
a. Day	(PC) _____
	(PC) _____
	*(QAR) _____
b. Night (night launch/recovery shall be ground practice scenarios in the event of a lack of actual night operations)	(PC) _____
	(PC) _____
	*(QAR) _____
10. OJT:	<u>Signature/Date</u>
a. Supervised daily	(PC) _____
	(PC) _____
	*(QAR) _____

UAV RQ-2B PLANE CAPTAIN TRAINING PQSSignature/Date

- b. Supervised turnaround (PC) _____
 (PC) _____
 *(QAR) _____
- c. Supervised engine start (PC) _____
 (PC) _____
 *(QAR) _____

****NOTE**** The 1st and second signature on items 9 and 10 must be signed by a qualified Plane Captain while the third signature must be obtained from a QAR/CDQAR.

11. _____ has completed all requirements of the
 (Name)
 Plane Captain Training PQS.

 Supervisor Signature/Date

UAV GCS 2000 PLANE CAPTAIN TRAINING SYLLABUS

Trainee Name _____ Rate _____ Date Started _____

Plane Captain Assigned _____

Instructions: Completion of the following practical factors is required prior to designation as a UAV GCS 2000 Plane Captain. Qualified Plane Captains will signify completion of specific practical factors by signing in the appropriate space provided. Demonstrating knowledge of safety, required equipment, and maintenance procedures is required prior to the Plane Captain signing the practical factors. Participating in a given evolution without demonstrating knowledge of equipment, safety, and procedures does not complete the practical factor.

[] QUALIFICATION [] REQUALIFICATION

NOTE: Items marked with a (*) are required for annual re-qualification

Supervisor Signature/Date

1. Indoctrination Interview _____

2. Required Reading

Individual Signature/Date

- | | |
|--|-------|
| a. COMNAVAIRFORINST 4790.2 Vol V Chapter 3 | _____ |
| b. COMNAVAIRFORINST 4790.2 Vol V Chapter 4 | _____ |
| c. COMNAVAIRFORINST 4790.2 Vol V Chapter 6 | _____ |
| d. COMNAVAIRFORINST 4790.2 Vol V Chapter 7 | _____ |
| e. COMNAVAIRFORINST 4790.2 Vol V Chapter 9 | _____ |
| f. COMNAVAIRFORINST 4790.2 Vol V Chapter 12 | _____ |
| g. COMNAVAIRFORINST 4790.2 Vol V Chapter 13 | _____ |
| h. COMNAVAIRFORINST 4790.2 Vol V Chapter 14 | _____ |
| *i. COMNAVAIRFORINST 4790.2 Vol V Chapter 15 | _____ |
| j. COMNAVAIRFORINST 4790.2 Vol V Chapter 17 | _____ |
| k. COMNAVAIRFORINST 4790.2 Vol V Chapter 20 | _____ |
| | |
| *l. NA 00-80T-113, Aircraft Signals
NATOPS Manual (Ch 1-7) | _____ |
| m. NA 01-1A-509, Aircraft Weapons
Cleaning and Corrosion Control Manual
(CH. 1-5,8,9) | _____ |
| n. NA 17-1-125, Support Equipment
Cleaning, Prevention and Corrosion
Control Manual (Ch. 1-6, 9) | _____ |
| o. Squadron Corrosion Control LCP | _____ |
| p. NA 11-80-T-96, Navy Support Equipment
Basic Handling and Safety Manual
(WP 2-5,8,10,14) | _____ |
| *q. A1-RQ2B-NFM-000 (Ch. 1-4,10,11,13) | _____ |
| *r. UAV P/C LCP | _____ |
| *s. MRC A-1-PIO-RPV-6-1.2 | _____ |
| *t. MRC A-1-PIO-RPV-6-1.3 | _____ |
| *u. A1-SRRPV-MMI-250 | _____ |
| *v. A1-SRRPV-MRC-130 | _____ |

UAV GCS 2000 PLACE CAPTAIN TRAINING SYLLABUS

Supervisor/Date

3. Verification of completed required reading

4. Complete the following additional training:

PC Program
Manager/Date

- a. Basic corrosion control training
- b. NICAD battery qualification
- c. Lead acid battery Qualification
- d. UAV RQ2B Plane Captain PQS

QAR Signature/Date

- *5. Hand Signal Oral Exam Score: Pass/Fail

- *6. Plane Captain Written Exam Score: _____ (90% Min)

- *7. Practical Exam Score: Pass/Fail

8. _____ has completed all pre-requisites and is recommended to the Plane Captain Selection Board.

Supervisor

Date

Division Chief

Date

Program Manager

Date

UAV GCS 2000 PLANE CAPTAIN TRAINING PQS

Trainee Name _____ Rate _____

NOTE: A Qualified Plane Captain or QAR must sign of sections 1 through 6.

NOTE: Items marked with a (*) are required for annual re-qualification

- | | |
|--|------------------------------|
| 1. Discuss the following safety items: | <u>Signature/Date</u> |
| a. Personal Protective Equipment (PPE) | _____ |
| b. Flight line safety | |
| (1) Flight line operating procedures | _____ |
| (2) Runway familiarization & Cardinal headings | _____ |
| (3) FOD walk down | _____ |
| (4) UAV flight Chain of Command | _____ |
| *2. Test equipment | <u>Signature/Date</u> |
| a. IFF test set | _____ |
| b. Airspeed test set | _____ |
| *3. Emergency Procedures | <u>Signature/Date</u> |
| a. Battery thermal runaway | _____ |
| b. Aircraft fire | _____ |
| c. Salvage/Recovery | _____ |
| d. Fuel spill/leaks | _____ |
| *4. Demonstrate the following hand signals: | <u>Signature/Date</u> |
| a. Fire | _____ |
| b. Battery on/off | _____ |
| c. Engine trap count | _____ |
| d. Start engine | _____ |
| e. Stop | _____ |
| f. Emergency hold | _____ |
| g. Cleared to taxi | _____ |
| h. Pull/install chocks/pins | _____ |

UAV GCS 2000 PLANE CAPTAIN TRAINING PQS

	<u>Signature/Date</u>
i. Affirmative	_____
j. Negative	_____
k. Cut engine	_____
l. Verify ECR/COMM switches are on	_____
m. Control surfaces check	_____
n. Idle RPM adjustment	_____
5. Review the ADB for the following:	<u>Signature/Date</u>
a. Identify uncorrected discrepancies	_____
b. Identify downing discrepancies	_____
c. Review ballast weights and payload serial numbers	_____
6. Demonstrate the ability to complete the following applicable forms	_____
a. Daily inspection (OPNAVINST 4790/38)	_____
b. Turnaround inspection (OPNAVINST 4790/38)	_____
c. Aircraft inspection and acceptance record (OPNAVINST 4790/141)	_____
7. OJT:(to be signed by a qualified Plane Captain)	<u>Signature/Date</u>
a. Supervised Daily	
(1) GCS	(PC) _____
	(PC) _____
	*(QAR) _____
(2) TCU	(PC) _____
	(PC) _____
	*(QAR) _____
(3) PCS	(PC) _____
	(PC) _____
	*(QAR) _____

UAV GCS 2000 PLANE CAPTAIN TRAINING PQS

Signature/Date

b. Supervised Turnaround (interacts)

(1) GCS	(PC) _____
	(PC) _____
	*(QAR) _____
(2) PCS	(PC) _____
	(PC) _____
	*(QAR) _____
(3) RPV	(PC) _____
	(PC) _____
	*(QAR) _____

****NOTE**** The third signature for item 7 must be obtained from a QAR/CDQAR.

8. _____ has completed all requirements of the
(Name)
Plane Captain Training PQS.

Supervisor Signature/Date

**SH-60F/HH-60H PLANE CAPTAIN/LANDING SIGNALMAN ENLISTED (LSE)
QUALIFICATIONS PROGRAM**

From: CHSCWL Maintenance Officer
To: Distribution

Subj: COMHELSEACOMBATWINGLANT DET JACKSONVILLE LOCAL COMMAND
PROCEDURES FOR NAVAL AVIATION MAINTENANCE PROGRAM
STANDARD OPERATING PROCEDURES (NAMPSOP) COMNAVAIRFORINST
4790.2, VOLUME V CHAPTER 15.

Sub-Encl: (1) Aircraft Fuel Surveillance Training Syllabus
(2) H-60 Brake Rider Qualification/Proficiency Verification
(3) Plane Captain Qualification Training Syllabus
(4) Local Helicopter Handling Signals
(5) LSE Designation
(6) Wing Walker/Tail Safety Observer Syllabus
(7) H-60 Aircraft Director Syllabus

1. Purpose and Scope.

a. Local command procedures will be attached to the applicable NAMPSOP to clarify geographic area, type/model/series specific, and command specific details not addressed by the NAMPSOP. Once filled out, it should be an integral part of the appropriate NAMPSOP. It shall not be used to alter the intent of the related NAMPSOP.

b. This supplement provides additional local requirements for the CHSCWL Plane Captain Qualifications Program & LSE qualification requirements.

2. Cancellation. CHSWL NAMPSOP Chapter 15, Dated 03 May 2004.

3. Local Command Procedures.

a. The Program Manager shall:

WARNING

When opening control/accessories access fairings during high (above 10 knots) or gusty wind conditions, fairings may be blown off helicopter causing personnel injury and/or helicopter and fairing damage. Attach and secure main rotor pylon fairing strap assembly IAW A1-H60CA-GAI-000, WP 012, anytime at sea and above 10 knots ashore.

(1) Ensure plane captain candidates complete the SH-60F/HH-60H Plane Captain section of the PQS, NAVEDTRA 43419-2B within 6 months of receiving booklets. Ensuring particular attention to above warning concerning the opening of the main rotor pylon (sliding) fairing. Extensions for PQS completion will be granted on an individual basis for emergency leave, schools, and other unforeseen circumstances.

Enclosure (14)

(2) Ensure plane captain candidates complete the hydraulic contamination and tire/wheel indoctrination training.

(3) Ensure plane captain candidates complete the aircraft fuel surveillance training syllabus, enclosure (1).

(4) Submit a completed copy of enclosure (2) to QA when an individual is ready for the written brake rider exam.

(5) Ensure plane captain candidates have a tow tractor and power cart SE license per PQS NAVEDTRA 43419-2B. If candidate does not have a valid state/government license, a waiver must be attained. Squadron's Commanding Officer may grant waivers on a case by case basis.

(6) Ensure that completed copies of OPNAV Form 4790/158 (Plane Captain Designation) and enclosures (1) through (3) are forwarded to the Plane Captain Selection and Examining Board.

(7) Ensure all shipboard launches and recoveries of squadron aircraft are conducted in a professional manner by designated LSE's, or LSE trainees under the direct supervision of a designated LSE.

(8) Ensure LSE candidates complete training requirements IAW NWP 3-04.1, enclosure (4), and be designated in writing by Squadron Commanding Officers using enclosure (5).

****NOTE****

Only personnel designated as plane captains can sign off PQS, OJT or required proficiency training. Rate specific areas such as bladefold (work center 220) and engine servicing (work center 110), can be signed by a CDI from that work center.

(9) Ensure wing walker/tail safety observers complete enclosure (6) and aircraft directors complete enclosure (7) prior to moving aircraft.

b. Requalification.

(1) Plane captain annual requalification process shall consist of the completion of sections 1 and 2 of enclosure (3) and Plane Captain Designation (OPNAV Form 4790/158).

c. Quality Assurance shall:

(1) Ensure personnel meet minimal qualifications outlined by this instruction prior to performing independent LSE duties.

(2) Ensure only qualified wing walkers/directors move aircraft.

+Distribution:

HS-3, HS-5, HS-7,
HS-11, HS-15

QUALIFICATION SUSPENSION/REVOCATION FORM

Date: _____

From: Commanding Officer

To: _____

Via: Maintenance Officer
Quality Assurance Officer

Subj: SUSPENSION/REVOCATION OF QUALIFICATION

1. Your qualification(s) as _____

_____ is/are suspended/revoked.

2. Justification for suspension/revocation: _____

3. This suspension/revocation is in effect for a period of _____
days/indefinitely, at which time a re-evaluation of the
qualifications will be completed to consider reinstatement.

Commanding Officer

Copy to:
Division Officer's File
Quality Assurance Officer
NALCOMIS System Administrator

AIRCRAFT FUEL SAMPLE TRAINING SYLLABUS/CERTIFICATION FORM

NAME/RATE OR RANK

DIVISION/WORK CENTER

DATE

REQUIRED READING	DATE	SUPERVISOR SIGNATURE
COMNAVAIRFORINST 4790.2, VOL V, Chapter 3	_____	_____
NA 00-80T-109, Chapter 3 & 6	_____	_____
NA 01-1A-35, Chapter 3	_____	_____
A1-H60CA-MRC-100 (T/A CHECK LIST)	_____	_____
A1-H60CA-MRC-300 CARD 19 (DAILY)	_____	_____
CHSWLINST 4790.2B APPENDIX T (HOT REFUELING)	_____	_____
MIL-HDBK-844(AS) (HOT REFUELING)	_____	_____

NOTE: (*) Must be Fuel Surveillance Officer, Quality Assurance Fuel Surveillance Monitor or Aviation Fuels Petty Officer.

Describe the procedure for aircraft defuel/refueling & hotpit procedures.	_____	_____
	CANDIDATE	VERIFIER
Describe the procedures for taking fuel samples IAW OPNAV 4790.2H	_____	_____
	CANDIDATE	VERIFIER
Describe fuel sample contaminants in accordance with NAVAIR 01-1A-35	_____	_____
	CANDIDATE	VERIFIER
State the times when fuel samples must be taken.	_____	_____
	CANDIDATE	VERIFIER
Explain the proper procedures for using the Aircraft Fuel Sample Log.	_____	_____
	CANDIDATE	VERIFIER

SAMPLE/ANALYSIS OJT		
SAMPLE RESULTS	DATE	SIGN.OF(110,310 CDI/QAR)
SAT / UNSAT		
SAT / UNSAT		
SAT / UNSAT		
TOTAL OF 3 OJT'S REQUIRED		

Aviation Fuels Officer Signature

Copy to:
Training Jacket

Sub-Enclosure (1)

SH-60F/HH-60H BRAKE RIDER QUALIFICATION PROFICIENCY VERIFICATION

NAME	TRAINEE SIGNATURE	DATE
1. Required Reading:		
a. NA 17-1-537	_____	_____
WP 004	_____	_____
WP 007 Delete Pg2 Para 13	_____	_____
WP 010 Pg11 Para 43 and 44	_____	_____
b. A1-H60CA-NFM-000 para. 3.10/3.10.1	_____	_____
c. A1-H60CA-GAI-010 WP 006 and 018 para 1	_____	_____
d. NWP 3-04.1 Sect. 4.5 & 4.6	_____	_____
2. Brake Rider section of NAVEDTRA 43419-2B		

3. Proficiency/OJT:		
	QUALIFIER	SIGNATURE
Safety procedures	_____	_____
Cockpit familiarization	_____	_____
Signals	_____	_____
Brake demonstration	_____	_____
Emergency procedures	_____	_____

4. Local written exam:

Administered by _____ DATE _____ Pass/Fail
Grade: _____ (QAR) _____ (CIRCLE)

RECOMMENDED:

(WORKCENTER SUPERVISOR)

(DIVISION OFFICER)

APPROVED:

(LINE DIVISION OFFICER)





Copy to: Training Jacket




Sub-Enclosure (2)

SH-60F/HH-60H PLANE CAPTAIN QUALIFICATION TRAINING SYLLABUS

NAME	RATE	SSN
I. REQUIRED READING REFERENCE		SIGNATURE
1. COMNAVAIRFORINST 4790.2, VOL V, CHAPTER 15		
2. NA 00-80T-105 (CV NATOPS) Para 3.1.5, 4.6, 4.11.2, 5.7, 5.8.2		
3. NA 00-80T-113 (A/C Signals NATOPS)		
4. NWP 3-04.1 (Shipboard Helicopter Operating Procedures) Para 1.1.15, 1.2, 1.3.10, & CHAPTER 2, & 4.8.2		
5. A1-H60CA-GAI-000, WP 012, Para 2		
6. FUEL SURVEILLANCE NAMPSOP		
7. NOAP NAMPSOP		
8. HYDRAULIC CONTAMINATION NAMPSOP		
9. TIRE/WHEEL MAINTENANCE NAMPSOP		
10. OIL CONSUMPTION NAMPSOP		
11. FOD NAMPSOP		
12. TOOL CONTROL NAMPSOP		
13. CORROSION CONTROL NAMPSOP		
14. PLANE CAPTAIN NAMPSOP		
15. NICAD BATTERY SAFETY CHSWLINST 4790.2B (Appendix H)		
16. AIRCRAFT EMERGENCY PROCED.CHSWLINST 4790.2B (Appendix G)		
17. HOT REFUELING CHSWLINST 4790.2B (APPENDIX T)		
II. EXAMINATIONS AND QA/A PRACTICAL INSPECTION		
ITEM	QAR SIGNATURE	DATE
1. PLANE CAPTAIN WRITTEN EXAM SCORE:		
2. QA PRACTICAL (WALK AROUND): PASS/FAIL		
3. HAND SIGNAL (CLOSED) BOOK EXAM SCORE:		
III. QUALIFICATION REQUIREMENTS		
ITEM	QAR SIGNATURE	DATE
1. BRAKE RIDER		
2. HYDRAULIC CONTAMINATION INDOCTRINATION		
3. AIRCRAFT TIRE AND WHEEL INDOCTRINATION		
4. FUEL SURVEILLANCE CERTIFICATION		
5. CORROSION CONTROL SCHOOL DATE		
6. H-60 HELICOPTER PLANE CAPTAIN PQS (NAVEDTRA 43419-2B)		
7. PLANE CAPTAIN MTIP (Core test)		
8. FLIGHT DECK FAMILIARIZATION SECTION 304 (NAVEDTRA 43426-0)		
IV. LSE QUALIFICATION REQUIREMENTS		
1. LSE COURSE		
2. LSE PQS (NAVEDTRA 43436-A, SECTION 301)		

CHSCWL DET JAX LOCAL HELICOPTER HANDLING SIGNALS

SIGNAL	DAY	NIGHT	REMARKS
<p>CONNECT CORROSION CART</p> 	<p>MAKE SIDEWAYS "T" WITH HANDS</p>	<p>SAME AS DAY EXCEPT WITH WANDS</p>	
<p>SHOOT B&B/WATER</p> 	<p>PILOT MAKE "GUN" SIGNAL WITH HAND</p> <p>DIRECTOR MAKE "GUN" SIGNAL TOWARDS CC CART, FOLLOWED BY CIRCULATION MOTION INDICATING ENGINE MOTORING</p>	<p>1 BLINK WITH FLASHLIGHT</p> <p>POINT RIGHT WAND TOWARDS CC CART, FOLLOWED BY CIRCULATION MOTION INDICATING ENGINE MOTORING</p>	<p>USE CUT SIGNAL TO STOP, FINGERS POINTED AT THROAT, MOVING HAND SIDEWAYS</p>
<p>PUNCH KY RADIOS</p> 	<p>PUNCH YOUR HANDS</p>	<p>CALL FOR AN AT USING "DEMOT" SIGNALS</p>	
<p>ROTOR HEAD CHECK</p> 	<p>PUT OPEN HAND ON TOP OF HEAD WHILE POINTING TO THE MRH WITH OTHER ARM</p>	<p>SAME AS DAY EXCEPT WITH HANDS</p>	

SIGNAL	DAY	NIGHT	REMARKS
CHECK IFF MOD IV 	MAKE A "GUN" SIGNAL INTO A OPEN HAND	SAME AS DAY EXCEPT WITH RIGHT WAND FLASHING	
HUNG DROOP STOP 	POINT BOTH THUMBS IN SAME DIRECTION	SAME AS DAY EXCEPT WITH WANDS	
STABILATOR CHECK 	POINT AT STAB WITH ONE ARM, RAISE/LOWER OTHER ARM AS STAB RAISES/LOWERS	SAME AS DAY EXCEPT WITH HANDS	

Use of Flashlights (PILOTS)

At night, lip lights can be confusing; flashlights or chem-lights in chem-light holders should be used vice lip lights for signal purposes. All flashlight blinks should be 1 second in duration. Use the flashlight signal vice showing light on your hand at night.

LANDING SIGNALMAN ENLISTED

From: Commanding Officer, Helicopter Anti-Submarine Squadron
XXXXXXXXXX

To:

Subj: LANDING SIGNALMAN ENLISTED (LSE) DESIGNATION

Ref: (a) NWP 3-04.1
(b) NA 00-80T-105
(c) NA 00-80T-113

1. In accordance with references (a) thru (c), you are hereby designated as a Landing Signalman Enlisted (LSE).

Commanding Officer

Copy to:
Service Record
Training Record
Quality Assurance Officer

Sub-Enclosure (5)

SH-60F/HH-60H WING WALKER/TAIL SAFETY OBSERVER QUALIFICATION SYLLABUS

NAME: _____

Qualified Wing Walker
Signature/Date

1. Demonstrate a thorough knowledge of helicopter towing, and parking. Ref (A1-H60CA-GAI-010, WP 004, 005, 006(WARNING PG 11), 007, & 009 and NAVAIR 00-80T-96 WP 005).

2. Demonstrate a thorough knowledge of emergency procedures to include:
 - A. Runaway tail rotor

 - B. Loss of tow tractor brakes

 - C. Loss of aircraft brakes

 - D. Apparent dangers to personnel or aircraft

3. Demonstrate proper performance of the following tasks:
 - A. Whistle/Hand signals/Wand signals

 - B. Removing/Installing chocks

 - C. Grounding aircraft

 - D. Securing windows and doors

4. Describe the proper positions and responsibilities of each member in the move crew. (NAVAIR 00-80T-96, WP 005 & NA-17-1-537 WP 005)

RECOMMENDED: _____
(Line Division LPO)

(Line Division CPO)

APPROVED: _____
(Line Division Officer)

SH-60F/HH-60H AIRCRAFT DIRECTOR QUALIFICATION SYLLABUS

NAME: _____

Qualified Director
Signature/Date

1. Be a qualified plane captain or E-4 and above. _____
2. Explain the duties and responsibilities of each team member. (NA-17-1-537 WP 007) _____
3. Demonstrate a thorough knowledge of aircraft movement safety precautions and procedures. A1-H60CA-GAI-010 WP 004, 005, 006(Warning PG 11), 007, & 009, NA 00-80T-96 WP 005, NA 17-1-537 WP 004 _____
4. Conduct three safety briefs for aircraft movement.
 1. _____
 2. _____
 3. _____
5. Observe three aircraft moves (director position).
 1. _____
 2. _____
 3. _____
6. Direct three aircraft moves (under guidance of qualified director).
 1. _____
 2. _____
 3. _____

I accept the responsibilities and duties of an
H-60 Aircraft Director

Signature / Date

RECOMMENDED:

(Line Division LPO)

(Line Division CPO)

(Line Division Officer)

APPROVED:

(Maintenance Officer)

Sub-Enclosure (7)